AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A magnetic powder comprising:

an alloy composition represented by $R_x(Fe_{1-y}Co_y)_{100-x-z-w}B_zNb_w$ (where R is at least one rare-earth element that consists of Nd and Pr, x is 7.1 – 9.9 at%, y is 0 - 0.30, z is 4.6 – 6.9 at%, and w is 0.2 - 3.5 at%); and

the magnetic powder including a composite structure having a soft magnetic phase and a hard magnetic phase, the soft magnetic phase being constrained through the coupling of the surrounding hard magnetic phase so that the magnetic powder exhibits functions like a hard magnetic body,

wherein the magnetic powder has magnetic properties in which, when the magnetic powder is mixed with a binding resin and molded into an isotropic bonded magnet having a density ρ [Mg/m³], a maximum magnetic energy product (BH)_{max}[kJ/m³] at room temperature satisfies the relationship represented by the formula (BH)_{max}/ ρ ²[x10⁻⁹J·m³/g²] \geq 2.2, and an intrinsic coercive force (H_{CJ}) at room temperature is in the range of 320 - 720 kA/m.

2. (Previously Amended) The magnetic powder as claimed in claim 1, wherein when the magnetic powder is formed into an isotropic bonded magnet having a density ρ [Mg/m³] by mixing with a binding resin and then molding, the remanent magnetic flux density Br[T] at room temperature satisfies the relationship represented by the formula of Br/ ρ [x10° $^6\text{T}\cdot\text{m}^3/g$] ≥ 0.125 .

- 3. (Currently Amended) <u>A_Mmagnetic</u> powder composed of an alloy composition represented by $R_x(Fe_{1-y}Co_y)_{100-x-z-w}B_zNb_w$ (where R is at least one rare-earth element <u>that consists</u> of Nd and Pr, x is 7.1-9.9at%, y is 0-0.30, z is 4.6-6.9at%, and w is 0.1-3.5at%), the magnetic powder being constituted from a composite structure having a soft magnetic phase and a hard magnetic phase, wherein the magnetic powder has magnetic properties in which, when the magnetic powder is formed into an isotropic bonded magnet having a density ρ [Mg/m³] by mixing with a binding resin and then molding the remanent magnetic flux density Br[T] at room temperature satisfies the relationship represented by the formula of Br/ ρ [x10-6T·m³/g] \geq 0.125.
- 4. (Previously Amended) The magnetic powder as claimed in claim 3, wherein when the magnetic powder is formed into an isotropic bonded magnetic by mixing with a binding resin and then molding, the intrinsic coercive force (H_{cj}) of the magnet at room temperature is in the range of 320 720 kA/m.
- 5. (Previously Amended) The magnetic powder as claimed in claim 1, wherein when the magnetic powder is formed into an isotropic bonded magnet by mixing with a binding resin and then molding the absolute value of the irreversible flux loss (initial flux loss) is equal to or less than 6.2%.
 - 6. (Cancelled)

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- 7. (Currently Amended) The magnetic powder as claimed in claim 1, wherein $\frac{1}{2}$ said R is 5 75%.
 - 8. (Cancelled)
- 9. (Previously Amended) The magnetic powder as claimed in claim 1, wherein the magnetic powder has been obtained by quenching the alloy in a molten state.
- 10. (Previously Amended) The magnetic powder as claimed in claim 1, wherein the magnetic powder has been obtained by milling a melt spun ribbon of the alloy produced on a cooling roll.
- 11. (Previously Amended) The magnetic powder as claimed in claim 1, wherein the magnetic powder has been subjected to a heat treatment for at least once during the manufacturing process or after its manufacture.
- 12. (Previously Amended) The magnetic powder as claimed in claim 1, wherein the average particle size of the magnetic powder lies in the range of $0.5 150 \,\mu m$.
- 13. (Withdrawn) An isotropic bonded magnet formed b binding a magnetic powder containing Nb with a binding resin, wherein the isotropic bonded magnet is characterized in that, when the density of the isotropic bonded magnet is ρ [Mg/m³], the maximum magnetic energy product (BH)_{max}[KJ/m³] at the room temperature satisfies the relationship represented by the

formula $(BH)_{max/\rho}^2[x10^{-9}J \cdot m^3/g^2] \ge 2.2$, and the intrinsic coercive force (H_{cj}) of the bonded magnet at the room temperature is in the range of 320 - 720 kA/m.

- 14. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein when the density of the isotropic bonded magnet is ρ [Mg/m³], the remanent magnetic flux density Br [T] at the room temperature satisfies the relationship represented by the formula of Br/ ρ [x10⁻⁶T·m³/g] \geq 0.125.
- 15. (Withdrawn) An isotropic bonded magnet formed by binding a magnetic powder containing Nb with a binding resin, wherein the isotropic bonded magnet is characterized in that, when the density of the isotropic bonded magnet is ρ [Mg/m³], the remanent magnetic flux density Br[T] at the room temperature satisfies the relationship represented by the formula of Br/ ρ [x10⁻⁶T·m³/g] \geq 0.125.
- 16. (Withdrawn) The isotropic bonded magnet as claimed in claim 15, wherein the intrinsic coercive force (H_{cj}) of the bonded magnet at the room temperature is in the range of 320 720 kA/m.
- 17. (Withdrawn) The isotropic bonded magnet as claimed in any of claims 13 to 16, wherein said magnetic powder is formed of R-TM-B-Nb based alloy (where R is at least one rare-earth element and TM is a transition metal containing Iron as a major component thereof).
 - 18. (Cancelled)

21

- 19. (Withdrawn) The isotropic bonded magnet as claimed in claim 17 or 18, wherein said R comprises rare-earth elements mainly containing Nd and/or Pr.
- 20. (Withdrawn) The isotropic bonded magnet as claimed in any one of claims 17 to 19, wherein said R includes Pr and its ratio with respect to the total mass of said R is 5-75%.
- 21. (Withdrawn) The isotropic bonded magnet as claimed in any one of claims 17 to 20, wherein said R includes Dy and its ratio with respect to the total mass of said R is equal to or less than 14%.
- 22. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein the average particle size of the magnetic powder lies in the range of $0.5-150~\mu m$.
- 23. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein the absolute value of the irreversible flux loss (initial flux loss) is equal to or less than 6.2%.
- 24. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein the magnetic powder is constituted from a composite structure having a soft magnetic phase and a hard magnetic phase.

21

- 25. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein the isotropic bonded magnet is to be subjected to multipolar magnetization or has already been subjected to multipolar magnetization.
- 26. (Withdrawn) The isotropic bonded magnet as claimed in claim 13, wherein the isotropic bonded magnet is used for a motor.

21